

1163-A0-5

Chelsea Walton*. *Navigating Collaboration*.

I have listened to many talks— well over 500 talks if I had to guess. Most of the presentations have been on someone's accomplishments (the speaker.s or others.), but rarely have I've seen a discussion of how these theorems, articles, and programs developed. How do mathematical ideas originate and evolve? For collaborative projects in particular, how exactly do people do 'groupwork' in mathematical research?

In this talk, I aim to pull back the curtains and show that this process is not magic both by sharing some behind-the-scenes stories of my own work and by providing some concrete tips for working on collaborative research projects.

(Received April 1, 2020)